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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/779,346	02/14/2004	Hung-Jui Chang	04119-URS	8223
33804	7590	01/10/2005	EXAMINER	
SUPREME PATENT SERVICES POST OFFICE BOX 2339 SARATOGA, CA 95070			ZARROLI, MICHAEL C	
			ART UNIT	PAPER NUMBER

2839

DATE MAILED: 01/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)	
	10/779,346	CHANG, HUNG-JUI	
	Examiner	Art Unit	
	Michael C. Zaroli	2839	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 14 February 2004.
- 2a) ☐ This action is FINAL.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-4 and 8 is/are rejected.
- 7) ☒ Claim(s) 5-7 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 February 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input checked="" type="checkbox"/> Other: <u>dict. def.</u>             |

## DETAILED ACTION

### *Claim Objections*

1. Claim 5 objected to because of the following informalities: In line 3 the grammatically awkward phrase “to be engage with.” Appropriate correction is required.

### *Claim Rejections - 35 USC § 112*

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter, which the applicant regards as his invention.

3. Claims 2-4 rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In line 2 of claim 2 the applicant recites that a curved slot has “a center **coincident** with a center of the hole.” The examiner does not understand what this center of the slot is. For example look at figure 4. Any center of slot 102 is nowhere near previously recited hole 101. No part of the slot is coincident with hole 101 containing rivet 14. Also, from a geometry standpoint how can a slot have a center? The examiner will interpret this

claim to mean that a geometric arc and cone formed by the slot has a center that is the rivet and hole recited in claim 1.

Regarding claim 3 the examiner does not understand the recited phrase "from one of **two** surfaces." Which two surfaces? The plate has many surfaces. What two surfaces are chosen from for the protrusion to be extending? The examiner will interpret this claim to mean that a protrusion extends from a particular surface of the plate.

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1, 3 and, 8 rejected under 35 U.S.C. 103(a) as being unpatentable over Mills in view of Petitpierre et al.

Mills discloses a power supply-releasing device (fig. 2 various components) comprising: a plate (unnumbered fig. 3 right side near 10) having a handle (10) extending from a first side (fig. 1a at 8) thereof and a fulcrum part (unnumbered

fig. 1a angled part above 5 and to right of 9) extending from the first side and located below the handle (fig. 1a), and a hole (fig. 2 unnumbered at 9) defined through the plate and a "pivot" extending through the hole and being adapted to be connected (fig. 1a) to a power supply (col. 1 lines 12-17).

Mills does not specifically disclose a rivet through the hole.

Petitpierre discloses a rivet (178) through a releasing device (fig. 11 top).

At the time the invention was made it would have been obvious to one of ordinary skill in the art to modify the pivot of Mills to be a rivet as taught by Petitpierre.

The motivation for this would be a more secure attachment without the risk of stripping threads as the pivot of Mills appears from the figures to be a screw.

Regarding claim 3 Mills disclose (as best understood) that a protrusion (fig. 1a either 11 or 25) extends from one of two surfaces of the plate and is adapted to be engaged with the power supply (connected in various ways to 1 in fig. 1a).

Regarding claim 8 Mills disclose that the plate is adapted to be connected to a side of a receptacle of the power supply (fig. 1a shows plate connected to side of power supply).

*Allowable Subject Matter*

6. Claims 5-7 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

7. Claim 2 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

8. The following is a statement of reasons for the indication of allowable subject matter: Examiner makes of record a dictionary definition of a rivet; see attached. Regarding claim 2 as best understood, the curved slot with another rivet also connected to the power supply. Regarding claim 5 the plate engaging piece that is adapted to fit in the recess of a support frame.

*Conclusion*

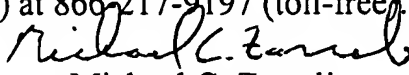
9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Haga et al teaches a releasing device with rivet but the handle and fulcrum don't extend from the same side. Okamoto et al teaches a releasing device but no power supply or handle and fulcrum extending from the same side. Singer teaches a releasing device with pivot but no power supply or

handle and fulcrum extending from the same side of the plate. Fitzpatrick teaches a releasing dive and rivet but no power supply.

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael C. Zarroli whose telephone number is 571-272-2101. The examiner can normally be reached on 7:30 to 3:30 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, T.C. Patel can be reached on (571) 272-2800 ext 39. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Michael C. Zarroli  
Primary Examiner  
Art Unit 2839

MCZ  
MCZ

# **riv·et**

**riv·et** (rĭv'ĭt) *noun*

A metal bolt or pin having a head on one end, inserted through aligned holes in the pieces to be joined and then hammered on the plain end so as to form a second head.

*verb, transitive*

**riv·et·ed, riv·et·ing, riv·ets**

1. To fasten or secure with or as if with a rivet.
2. To hammer the headless end of so as to form a head and fasten something.
3. To fasten or secure firmly; fix.
4. To engross or hold (the attention, for example).

[Middle English, from Old French *river*, to attach.]

— **riv'et·er** *noun*

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